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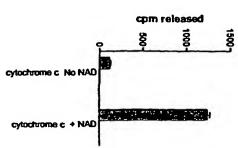
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(54) Title: CYTOCHROME C ACETYLATION



(57) Abstract: Modulation of cytochrome c acetylation, e.g., with a SIR polypeptide, enables interventions that modulate lifespan regulation and cell proliferation, e.g., by modulating apoptosis and/or mitochondrial function such as respiration.